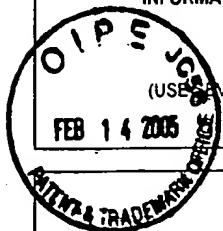


FORM PTO-1449

U.S. DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICEATTY. DOCKET NO.
VWAVE.001CP2RC1APPLICATION NO.
09/815,982INFORMATION DISCLOSURE STATEMENT
BY APPLICANT

(USE SEVERAL SHEETS IF NECESSARY)

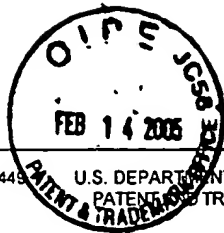
APPLICANT
Frank R. Miele, et al.FILING DATE
March 22, 2001GROUP
3737

U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE (IF APPROPRIATE)
6065	1	5,241,964	09/07/93	McQuilkin			
	2	5,640,964	06/24/97	Archibald et al.			
	3	5,720,292	02/24/98	Poliac			
	4	5,722,414	03/03/98	Archibald et al.			
	5	5,738,103	04/14/98	Poliac			
	6	5,797,850	08/25/98	Archibald et al.			
	7	5,938,618	08/17/99	Archibald et al.			
	8	5,941,828	08/24/99	Archibald et al.			
	9	5,993,394	11/30/99	Poliac			
	10	6,017,314	01/25/00	Poliac			
	11	6,099,477	08/08/00	Archibald et al.			
	12	6,132,382	10/17/00	Archibald et al.			
	13	6,159,157	12/12/00	Archibald et al.			
	14	6,241,679	06/05/01	Curran			
	15	6,245,022	06/12/01	Archibald et al.			
	16	6,340,349	01/22/02	Archibald et al.			
	17	D458,375	06/04/02	Thede			
	18	6,471,646	10/29/02	Thede			
	19	6,471,655	10/29/02	Baura			
	20	6,514,211	02/04/03	Baura			
	21	6,554,774	04/29/03	Miele			
	22	6,558,335	05/06/03	Thede			
	23	6,589,185	07/08/03	Archibald et al.			

FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
							YES	NO

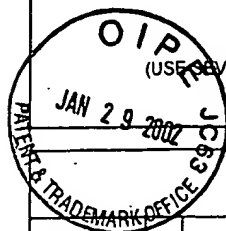


FORM PTO-1449 U.S. DEPARTMENT OF COMMERCE PATENT & TRADEMARK OFFICE INFORMATION DISCLOSURE STATEMENT BY APPLICANT (USE SEVERAL SHEETS IF NECESSARY)	ATTY. DOCKET NO. VWAVE.001CP2RC1	APPLICATION NO. 09/815,982
	APPLICANT Frank R. Miele, et al.	
	FILING DATE March 22, 2001	GROUP 3737

EXAMINER INITIAL	OTHER DOCUMENTS (INCLUDING AUTHOR, TITLE, DATE, PERTINENT PAGES, ETC.)

EXAMINER <i>W. L. C. - Jz</i>	DATE CONSIDERED 3/31/05
*EXAMINER: INITIAL IF CITATION CONSIDERED, WHETHER OR NOT CITATION IS IN CONFORMANCE WITH MPEP 609; DRAW LINE THROUGH CITATION IF NOT IN CONFORMANCE AND NOT CONSIDERED, INCLUDE COPY OF THIS FORM WITH NEXT COMMUNICATION TO APPLICANT.	

FORM PTO-1449	U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE	ATTY. DOCKET NO. VWAVE.001CP2	APPLICATION NO. 09/815,982
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (USE SEVERAL SHEETS IF NECESSARY)		APPLICANT Frank R. Miele, et al.	
		FILING DATE March 22, 2001	GROUP 3736



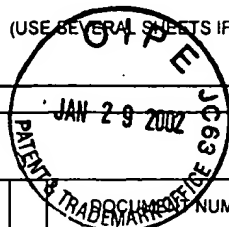
U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE (IF APPROPRIATE)
1013	1	3,527,197	09/08/70	Ware, et al.			
	2	3,601,120	08/24/71	Massie, et al.			
	3	3,617,993	11/02/71	Massie, et al.			
	4	3,683,932	05/16/72	Mount, et al.			
	5	3,791,378	02/12/74	Hochbert, et al.			
	6	3,885,551	05/27/75	Massie			
	7	4,109,647	08/29/78	Stern, et al.			
	8	4,127,114	11/28/78	Bretscher			
	9	4,154,231	05/15/79	Russell			
	10	4,239,047	12/16/80	Griggs, III, et al.			
	11	4,249,540	02/10/81	Koyama, et al.			
	12	4,349,034	09/14/82	Ramsey, III			
	13	4,476,875	10/16/84	Nilsson, et al.			
	14	4,566,462	01/28/86	Janssen			
	15	4,590,948	05/27/86	Nilsson			
	16	4,596,254	06/24/86	Adrian, et al.			
	17	4,651,747	03/24/87	Link			
	18	4,660,564	04/28/87	Benthin, et al.			
	19	4,719,923	01/19/88	Hartwell, et al.			
	20	4,754,761	07/05/88	Ramsey, III, et al.			
	21	4,771,792	09/20/88	Seale			
	22	4,867,170	09/19/89	Takahashi			
	23	4,869,261	09/26/89	Penaz			
	24	4,901,733	02/20/90	Kaida, et al.			
	25	4,924,871	05/15/90	Honeyager			
	26	4,960,128	10/02/90	Gordon, et al.			
	27	5,030,956	07/09/91	Murphy			
	28	5,072,733	12/17/91	Spector, et al.			
	29	5,094,244	03/10/92	Callahan, et al.			

RECEIVED
FEB-6 2002
TO ST00 MAIL ROOM

FORM PTO-1449	U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE	ATTY. DOCKET NO. VWAVE.001CP2	APPLICATION NO. 09/815,982
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (USE SEVERAL SHEETS IF NECESSARY)		APPLICANT Frank R. Miele, et al.	
		FILING DATE March 22, 2001	GROUP 3736

U.S. PATENT DOCUMENTS							
EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE (IF APPROPRIATE)	
65	30	5,119,822	06/09/92	Niwa			
	31	5,158,091	10/27/92	Butterfield, et al.			
	32	5,163,438	11/17/92	Gordon, et al.			
	33	5,170,796	12/15/92	Kobayashi			
	34	5,238,000	08/24/93	Niwa			
	35	5,240,007	08/31/93	Pytel, et al.			
	36	5,261,412	11/16/93	Butterfield, et al.			
	37	5,273,046	12/28/93	Butterfield, et al.			
	38	5,327,893	07/12/94	Michael Savic			
	39	5,368,039	11/29/94	Moses			
	40	5,409,010	04/25/95	Kirk Beach, et al.			
	41	5,439,001	08/08/95	Butterfield, et al.			
	42	5,450,852	09/19/95	Archibald, et al.			
	43	5,467,771	11/21/95	Narimatsu, et al.			
	44	5,479,928	01/02/96	Cathignol, et al.			
	45	5,494,043	02/27/96	O'Sullivan, et al.			
	46	5,495,852	03/05/96	Stadler, et al.			
	47	5,551,434	09/03/96	Kazuhiro Iinuma			
	48	5,590,649	01/07/97	Caro, et al.			
	49	5,617,867	04/08/97	Butterfield, et al.			
	50	5,634,467	06/03/97	Nevo			
	51	5,642,733	07/01/97	Archibald, et al.			
	52	5,649,542	07/22/97	Archibald, et al.			
	53	5,749,364	05/12/98	Sliva, et al.			
	54	5,785,654	07/28/98	Iinuma, et al.			
	55	5,832,924	11/10/98	Archibald, et al.			
	56	5,833,618	11/10/98	Caro, et al.			
✓	57	5,848,970	12/15/98	Voss, et al.			



RECEIVED
FEB - 6 2002
TC 3700 MAIL ROOM

FORM PTO-1449	U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE	ATTY. DOCKET NO. VWAVE.001CP2	APPLICATION NO. 09/815,982
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (USE SEVERAL SHEETS IF NECESSARY)		APPLICANT Frank R. Miele, et al.	
		FILING DATE March 22, 2001	GROUP 3738

U.S. PATENT DOCUMENTS							
58	5,855,557	01/05/99	John C. Lazenby				
59	5,876,346	03/02/99	Corso				
60	5,895,359	04/20/99	Peel, III				
61	5,904,654	05/18/99	Wohlmann, et al.				
62	5,908,027	06/01/99	Butterfield, et al.				
63	5,916,180	06/29/99	Cundari, et al.				
64	5,964,711	10/12/99	Voss, et al.				
65	6,027,452	02/22/00	Flaherty, et al.				
66	6,176,831	01/23/01	Voss, et al.				
67	6,228,034 B1	05/08/01	Voss, et al.				
68	6,258,031 B1	07/10/01	Sunagawa, et al.				
69	6,267,728	07/31/01	Steven Mark Hayden				

RECEIVED
FEB - 5 2002
1C 3700 MAIL ROOM

FOREIGN PATENT DOCUMENTS								
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
							YES	NO
WCS	70	EP 284 095 B1 Including Summary of Content and Concise Explanation of Reference and Exhibit 1 - Translation of Figures	March 1988	Europe				
	71	0 342 249 A1	May 1988	Europe				
	72	EP 0299 827 A1	June 1988	Europe				
	73	EP 0595 666 B1	Sept. 1993	Europe				
	74	0 603 666 A2	Dec. 1993	Europe				
	75	EP 0818 176 A1	July 1996	Europe				
	76	DE 4218319 A1	June 1992	Germany				
	77	WO 84 00290	Feb. 1984	PCT				
	78	WO 92 07508	May 1992	PCT				
	79	WO 95/00074	Jan. 1995	PCT				
	80	WO 95 13014	May 1995	PCT				
	W	81	WO 98 25511 A	June 1998	PCT			

FORM PTO-1449	U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE	ATTY. DOCKET NO. VWAVE.001CP2	APPLICATION NO. 09/815,982
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (USE SEVERAL SHEETS IF NECESSARY)		APPLICANT Frank R. Miele, et al.	
		FILING DATE March 22, 2001	GROUP 3736

EXAMINER INITIAL	OTHER DOCUMENTS (INCLUDING AUTHOR, TITLE, DATE, PERTINENT PAGES, ETC.)
WCS	82 Drzewiecki, G. (1995) "Noninvasive Assessment of Arterial Blood Pressure and Mechanics," The Biomedical Engineering Handbook CRC Press, Boca Raton, FL, pp. 1196-1211.
	83 Boashash, B., et al. (1987) "An Efficient Real-Time Implementation of the Wigner-Ville Distribution," IEEE Trans ASSP 35:1611-1618.
	84 Drzewiecki, G.M., et al. (1985) Generalization of the Transmural Pressure-Area Relation for the Femoral Artery," 7 th Annual IEEE EMBS Conference 507.
	85 Hoeks, A.P.G., et al. (1985) Transcutaneous Detection of Relative Changes in Artery Diameter," Ultrasound in Med and Bio 11:51-59.
	86 Carson, E.R., et al. (1983) "The Mathematical Modeling of Metabolic and Endocrine Systems: Model Formulation, Identification, and Validation," John Wiley & Sons, NY, pp. 185-189.
	87 Anderson, E.A., et al. (1989) "Flow-Mediated and Reflex Changes in Large Peripheral Artery Tone in Humans," Circulation 79:93-100.
	88 Hartley, C.J., et al. (1991) "An Ultrasonic Method for Measuring Tissue Displacement: Technical Details and Validation for Measuring Myocardial Thickening," IEEE Trans Biomed, 38:735-747.
	89 Cariou, Alain, et al. (1998) "Noninvasive Cardiac Output Monitoring by Aortic Blood Flow Determination: Evaluation of the Sometec Cynemo-3000 System," Critical Care Medicine, Vol. 26, No. 12, pp. 2066-2072
	90 Advertisement for HemoSonic™ 100 by Arrow International – licensed under U.S. Patent 5,479,928 listed above
	91 Application Serial No. 09/815,080 entitled "Method and Apparatus For Assessing Hemodynamic Parameters within the Circulatory System of a Living Subject," filed March 22, 2001 – Attorney Docket No. VWAVE.003P1

RECEIVED
FEB -6 2002
8700 MAIL ROOM

EXAMINER WILLIAMS	DATE CONSIDERED 4/15/05
*EXAMINER: INITIAL IF CITATION CONSIDERED, WHETHER OR NOT CITATION IS IN CONFORMANCE WITH MPEP 609; DRAW LINE THROUGH CITATION IF NOT IN CONFORMANCE AND NOT CONSIDERED, INCLUDE COPY OF THIS FORM WITH NEXT COMMUNICATION TO APPLICANT.	